Statement of Basis of the Federal Operating Permit

The Lubrizol Corporation

Site/Area Name: Barium Additive, 116 Dispersant and PIBSA Units
Physical location: 41 Tidal Road
Nearest City: Deer Park
County: Harris

Permit Number: O1930
Project Type: Minor Revision

Standard Industrial Classification (SIC) Code: 2869
SIC Name: Industrial Organic Chemicals

This Statement of Basis sets forth the legal and factual basis for the draft changes to the permit conditions resulting from the minor revision project in accordance with 30 TAC §122.201(a)(4). The applicant has submitted an application for a minor permit revision per §§ 122.215-217. This document may include the following information:

A description of the facility/area process description;
A description of the revision project;
A basis for applying permit shields;
A list of the federal regulatory applicability determinations;
A table listing the determination of applicable requirements;
A list of the New Source Review Requirements;
The rationale for periodic monitoring methods selected;
The rationale for compliance assurance methods selected;
A compliance status; and
A list of available unit attribute forms.

Prepared on: February 4, 2015

Operating Permit
Basis of Determination

Description of Revisions
This minor revision consisted of updating site wide and unit authorizations to reflect amendment of NSR 71546 consolidating permits 19487, 22044 and 22049 into 71546. Also, several unit descriptions were changed from "Process" to "Heat Exchange System" in the unit authorization table.

Permit Area Process Description
The Lubrizol Deer Park plant produces a variety of specialty organic chemicals as additives for lubricants and fuels, and for other industrial uses.

This application area, Barium Additive, 116 Dispersant and PIBSA Units, consists of four units. They are the 116 Unit - Barium Additives; the 116 Unit - 116 Dispersants; the 116 Unit - System 1; and 198 Systems - PIBSA.

The 116 Unit - Barium Additives produces barium-containing detergents. The process consists of the reaction of raw material in a product reactor vessel, filtration of the final reaction product through a pressure leaf filter, and final filtration through a filter press. There is an intermediate product tank, a final product tank and four flush oil tanks. One of the raw materials is produced in an acid reactor before being fed to the product reactor vessel, and the acid reactor is vented to a flare through a caustic venturi scrubber. All tanks vent their vapors through particulate knockout pots to a scrubber. The scrubbed vapors are vented to atmosphere, and the scrubber solution is transferred to a holding tank and then routed to the waste treatment operations (covered in a separate permit).

The 116 Unit - 116 Dispersants produces several different dispersant products from nine systems. Generally, each system uses oil, polyolefin compounds, amine compounds, and filter aid as the feed-stocks. Certain dispersants products may require the addition of powdered alcohol or metals. The feed-stocks for this unit are routed to a reactor, with heating and/or cooling provided in some cases by exchangers containing steam, water, or hot oil. After reaction, the products are filtered, adjusted with oil in a finish tank and then sent to a storage tank. Vent gases from the reactors and finish tanks are sent to an incinerator to reduce volatile organic compound (VOC) concentrations. The incinerator vent gas is then routed to a water absorber to remove inorganics. The gas from the absorber is vented to atmosphere and the absorber water is routed to the wastewater treatment unit.

The 116 Unit - System 1 produces a product from feedstock sent to a reactor. Heating and/or cooling is provided by exchangers containing steam or water. Vent gas from the reactor and finish tank is sent to an incinerator to reduce volatile organic compound (VOC) concentrations. The incinerator vent gas is then routed to a water absorber to remove inorganics. The gas from the absorber is vented to atmosphere and the absorber water is routed to the wastewater treatment unit.

The 198 Systems - PIBSA Production produces polyisobutylene succinic anhydride, a dispersant and lubricant additive. Raw materials for PIBSA are combined in processor reactor vessels. Vent gases from the reactors are vented to a two-stage absorber to remove inorganic acid gas and then to an incinerator to remove VOC.

FOPs at Site
The "application area" consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: O1581, O1929, O1931, O1932, O1933, O1934, O1935, O2191

Major Source Pollutants
The table below specifies the pollutants for which the site is a major source:

Major Pollutants	VOC, SO2, PM, NOX, HAPS, CO

Reading State of Texas's Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as "applicable requirements") that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
    - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
    - Additional Monitoring Requirements
    - New Source Review Authorization Requirements
    - Compliance Requirements
    - Protection of Stratosphere Ozone
    - Permit Location
    - Permit Shield (30 TAC § 122.148)
- Attachments
    - Applicable Requirements Summary
        - Unit Summary
        - Applicable Requirements Summary
    - Additional Monitoring Requirements
    - Permit Shield
    - New Source Review Authorization References
    - Compliance Plan
    - Alternative Requirements
- Appendix A
    - Acronym list

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on a OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the “index number,” detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table are based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

Additional Monitoring Requirement. The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

Permit Shield. A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit

by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

Compliance Plan. A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

Alternative Requirements. This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

Stationary vents subject to 30 TAC Chapter 111, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed after January 31, 1972 which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

Periodic monitoring is specified in Special Term and Condition 3.A for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

In the event that visible emissions are detected, either through the quarterly observation or other credible evidence, such as observations from company personnel, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

Federal Regulatory Applicability Determinations

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

Regulatory Program	Applicability (Yes/No)
Prevention of Significant Deterioration (PSD)	No
Nonattainment New Source Review (NNSR)	No
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	No
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	No
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CAIR (Clean Air Interstate Rule)	No

Insignificant Activities

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and

emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.

12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS). These flowcharts can be accessed via the internet at www.tceq.texas.gov/permitting/air/nav/air_supportsys.html. The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found

in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or; in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column "Changes and Exceptions to RRT." If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled "Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected."

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled "Basis for Applying Permit Shields" specifies which units, if any, have a permit shield.

Operational Flexibility
When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*
B-36	30 TAC Chapter 115, Storage of VOCs	R5112-0002	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
B-40	30 TAC Chapter 115, Storage of VOCs	R5112-107	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
B-41	30 TAC Chapter 115, Storage of VOCs	R5112-107	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
B-50	30 TAC Chapter 115, Storage of VOCs	R5112-107	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
B-56	30 TAC Chapter 115, Storage of VOCs	R5112-107	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
B-60	30 TAC Chapter 115, Storage of VOCs	R5112-107	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
B-61	30 TAC Chapter 115, Storage of VOCs	R5112-107	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
B-67	30 TAC Chapter 115, Storage of VOCs	R5112-0007	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
B-68	30 TAC Chapter 115, Storage of VOCs	R5112-0007	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
B-69	30 TAC Chapter 115, Storage of VOCs	R5112-107	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
B-72	30 TAC Chapter 115, Storage of VOCs	R5112-0007	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
D-28	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
FO-12	30 TAC Chapter 115, Storage of VOCs	R5112-0002	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
FO-12	40 CFR Part 60, Subpart Kb	60Kb-0001	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
FO-13	30 TAC Chapter 115, Storage of VOCs	R5112-0002	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
FO-13	40 CFR Part 60, Subpart Kb	60Kb-0001	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
FO-15	30 TAC Chapter 115, Storage of VOCs	R5112-0002	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
FO-15	40 CFR Part 60, Subpart Kb	60Kb-0001	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
FO-26	30 TAC Chapter 115, Storage of VOCs	R5121-0001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
FO-28	30 TAC Chapter 115, Storage of VOCs	R5112-0002	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
FO-28	40 CFR Part 60, Subpart Kb	60Kb-0001	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
FO-29	30 TAC Chapter 115, Storage of VOCs	R5112-0002	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
FO-29	40 CFR Part 60, Subpart Kb	60Kb-0001	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
FO-42	30 TAC Chapter 115, Storage of VOCs	R5121-0001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
FO-8	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
FO-9	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
HCL-41	30 TAC Chapter 115, Storage of VOCs	R5112-0011	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
HO-12	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
MAA-6	30 TAC Chapter 115, Storage of VOCs	R5112-020	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons
MAA-9	30 TAC Chapter 115, Storage of VOCs	R5112-020	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons
MPEOL-1	30 TAC Chapter 115, Storage of VOCs	R5112-101	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
MPEOL-1	40 CFR Part 60, Subpart Kb	60Kb-0007	Product Stored = Stored product other than volatile organic liquid or petroleum liquid
PB-2	30 TAC Chapter 115, Storage of VOCs	R5112-0002	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
PB-3	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Primary Seal = Any/none Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
SAMI-1	30 TAC Chapter 115, Storage of VOCs	R5112-020	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons
SS-14	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
SS-15	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.

Unit ID	Regulation	Index Number	Basis of Determination*
			Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
SS-17	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
SS-18	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
SS-19	30 TAC Chapter 115, Storage of VOCs	R5112-0010	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
SS-26	30 TAC Chapter 115, Storage of VOCs	R5112-00e	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
SS-27	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than 40,000 gallons
SS-28	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
WO-10	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
WO-14	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
WO-9	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
116-LOAD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0001	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure less than 0.5 psia.
FO-15-LR	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0001	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure less than 0.5 psia.
HCL-41 LOAD	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0001	Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure less than 0.5 psia.
3MT	30 TAC Chapter 117, Subchapter B	R7ICI-501	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Reduction = No NO_x control method Fuel Type #1 = Natural gas Fuel Type Heat Input = Process heater is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from gaseous fuel. NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Annual Heat Input = Annual heat input is less than or equal to $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average. NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)
3MT	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.
GRP116HT01	30 TAC Chapter 117, Subchapter B	R7ICI-502	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr. CO Monitoring System = Emissions are monitored using methods other than CEMS or PEMS. NOx Reduction = No NO_x control method Fuel Type #1 = Natural gas Fuel Type Heat Input = Process heater is fired with gaseous and liquid fuel, and derives more than 50% annual heat input from gaseous fuel. NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Annual Heat Input = Annual heat input is less than or equal to $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.

Unit ID	Regulation	Index Number	Basis of Determination*
			NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8)
GRP116HT01	40 CFR Part 63, Subpart DDDDD	63DDDDD-1	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.
FL-105	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions. Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.
FL-105	40 CFR Part 60, Subpart A	60A-000	Subject to 40 CFR § 60.18 = Flare is not subject to 40 CFR § 60.18.
FL-105	40 CFR Part 63, Subpart A	63A-0001	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Air assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
116DISPFUG	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1	Title 30 TAC §115.780 Applicable = The fugitive unit does not contain a defined process or does not contain Highly Reactive VOC.
116-FUG	40 CFR Part 63, Subpart FFFF	63FFFF-01	Existing Source = Fugitive unit contains equipment in an existing Miscellaneous Chemical Processing Unit.
BBA-FUG	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1	Title 30 TAC §115.780 Applicable = The fugitive unit does not contain a defined process or does not contain Highly Reactive VOC.
FUG1	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1	Title 30 TAC §115.780 Applicable = The fugitive unit does not contain a defined process or does not contain Highly Reactive VOC.
PIBSA-FUG	30 TAC Chapter 115, HRVOC Fugitive Emissions	R5780-1	Title 30 TAC §115.780 Applicable = The fugitive unit does not contain a defined process or does not contain Highly Reactive VOC.
SK-1	30 TAC Chapter 115, Water Separation	R5121-0001	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = Any single or multiple compartment VOC water separator which separates materials having a true vapor pressure less than 0.5 psia (3.4 kPa) obtained from any equipment.
116FLRVENT	30 TAC Chapter 115, Vent Gas Controls	R5121-0001	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a non-combustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.

Unit ID	Regulation	Index Number	Basis of Determination*
116HRVOC_VENT	30 TAC Chapter 115, HRVOC Vent Gas	115SUBH-1	Alternative Monitoring = Not using alternative monitoring and testing methods. HRVOC Concentration = The vent gas stream has a HRVOC concentration of at least 100 ppmv at some times. Max Flow Rate = The vent gas stream has a maximum potential flow rate greater than 100 dry standard cubic feet per hour (ft3/hr). Exempt Date = The vent gas stream is not exempt. Minor Modification = Not using any minor modification to the monitoring and testing methods of the rule. Vent Gas Stream Control = Vent gas stream is controlled by a control device other than a flare. Process Knowledge = Process knowledge and engineering calculations are used to determine HRVOC emissions during emission events and scheduled startup, shutdown, and maintenance activities. Waived Testing = The executive director has not waived testing for identical vents. Testing Requirements = Meeting § 115.725(a).
116INCVENT	30 TAC Chapter 115, Vent Gas Controls	R5121-0002	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Direct flame incinerator in which the vent gas stream is burned at a temperature or at least 1300° F (704 C). Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.
B-53	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
B-54	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device.

Unit ID	Regulation	Index Number	Basis of Determination*
			Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
B-55	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
B-57	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure.

Unit ID	Regulation	Index Number	Basis of Determination*
			Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
B-70	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
B-71	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
CLV-1	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2).

Unit ID	Regulation	Index Number	Basis of Determination*
			Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-10	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-12	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line.

Unit ID	Regulation	Index Number	Basis of Determination*
			CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-13	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-14	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-15	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used.

Unit ID	Regulation	Index Number	Basis of Determination*
			Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-16	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-20	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used.

Unit ID	Regulation	Index Number	Basis of Determination*
			SS Device Type = Incinerator other than a catalytic incinerator.
HCL-22	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-23	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-24	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated.

Unit ID	Regulation	Index Number	Basis of Determination*
			Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-25	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-26	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line.

Unit ID	Regulation	Index Number	Basis of Determination*
			CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-30	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-32	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-33	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source)

Unit ID	Regulation	Index Number	Basis of Determination*
			and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-34	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-35	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used.

Unit ID	Regulation	Index Number	Basis of Determination*
			Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
HCL-36	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-16	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated.

Unit ID	Regulation	Index Number	Basis of Determination*
			Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-17	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-18	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure.

Unit ID	Regulation	Index Number	Basis of Determination*
			Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-19	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-20	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.

Unit ID	Regulation	Index Number	Basis of Determination*
KO-22	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-22A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-23	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device.

Unit ID	Regulation	Index Number	Basis of Determination*
			Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-23A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-26	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used.

Unit ID	Regulation	Index Number	Basis of Determination*
			Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-B70	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-B71	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested.

Unit ID	Regulation	Index Number	Basis of Determination*
			Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-FI04	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
KO-FI08	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used.

Unit ID	Regulation	Index Number	Basis of Determination*
			SS Device Type = Incinerator other than a catalytic incinerator.
M-B53A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-B54	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-B55B	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i.

Unit ID	Regulation	Index Number	Basis of Determination*
			Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-B57	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-B57A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated.

Unit ID	Regulation	Index Number	Basis of Determination*
			Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-HCL10A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-HCL10B	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or

Unit ID	Regulation	Index Number	Basis of Determination*
			have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-HCL16	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-HCL20A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line.

Unit ID	Regulation	Index Number	Basis of Determination*
			CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-HCL20B	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-HCL26	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-HCL30A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source)

Unit ID	Regulation	Index Number	Basis of Determination*
			and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-HCL30B	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-HCL36	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used.

Unit ID	Regulation	Index Number	Basis of Determination*
			Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF14	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF20	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated.

Unit ID	Regulation	Index Number	Basis of Determination*
			Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF21	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF22	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure.

Unit ID	Regulation	Index Number	Basis of Determination*
			Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF22B	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF23	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF27	40 CFR Part 63,	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1.

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart FFFF		Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF29-1	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF32A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2).

Unit ID	Regulation	Index Number	Basis of Determination*
			Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF38	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF3A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested.

Unit ID	Regulation	Index Number	Basis of Determination*
			Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF3B	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
M-PF9A	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde.

Unit ID	Regulation	Index Number	Basis of Determination*
			Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-21	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-22	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.

Unit ID	Regulation	Index Number	Basis of Determination*
PF-23	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-27	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-28	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device.

Unit ID	Regulation	Index Number	Basis of Determination*
			Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-29	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-3	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used.

Unit ID	Regulation	Index Number	Basis of Determination*
			Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-30	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-31	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested.

Unit ID	Regulation	Index Number	Basis of Determination*
			Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-32	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-33	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used.

Unit ID	Regulation	Index Number	Basis of Determination*
			SS Device Type = Incinerator other than a catalytic incinerator.
PF-37	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-38	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-4	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i.

Unit ID	Regulation	Index Number	Basis of Determination*
			Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
PF-9	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
S-PF29	40 CFR Part 63, Subpart FFFF	63FFFF-0001	Designated Grp1 = The emission stream is designated as Group 1. Emission Standard = The TRE index is not maintained above the threshold (5.0 for a new source and 1.9 for an existing source) and a non-flare CD is being used to meet 98% reduction per § 63.2455(a) - Table 1.1.a.i. Hal Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.985(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated Hal = The emission stream is not designated as halogenated.

Unit ID	Regulation	Index Number	Basis of Determination*
			Prior Eval = The data from a prior evaluation or assessment is used. Assessment Waiver = The Administrator has not granted a waiver of compliance assessment or no waiver is requested. Determined Hal = The emission stream is determined to be halogenated. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Formaldehyde = The stream does not contain formaldehyde. Negative Pressure = The closed vent system is operated and maintained at or above atmospheric pressure. Bypass Line = The closed vent system contains no bypass line. CEMS = A CEMS is not used. SS Device Type = Incinerator other than a catalytic incinerator.
B-33	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-34	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-35	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-36	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-37	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-38	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-39	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-40	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-41	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-50	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-51	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-52	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.

Unit ID	Regulation	Index Number	Basis of Determination*
B-56	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-58	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-59	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-60	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-61	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-62	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-63	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-65	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-66	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-67	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-68	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-69	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
B-72	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
BB-38	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
BP POT	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
BP POT-2	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
D-28	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1.

Unit ID	Regulation	Index Number	Basis of Determination*
			Determined Grp1 = The emission stream is determined to be Group 2.
FO-12	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
FO-13	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
FO-26	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
FO-28	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
FO-29	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
FO-42	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
FO-8	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
FO-9	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
FOT-2	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
KO-FI08	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
M-B63	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
M-B66A	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
M-B66B	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
M-PB3	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
PF-10	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
PF-14	40 CFR Part 63, Subpart FFFF	63FFFF-BPV1	Designated Grp1 = The emission stream is designated as Group 1. HAL Device Type = A halogen scrubber following a combustion device.

Unit ID	Regulation	Index Number	Basis of Determination*
			Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.988(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated HAL = The emission stream is not designated as halogenated. Halogen Reduction Option = Reduce overall emissions of hydrogen halide and halogen HAP by 99% or greater. Vent Emission Control = Reduce collective organic HAP emissions from the sum of all batch process vents within the process by 98% by weight or more by venting emissions from a sufficient number of the vents to any combination of non-flare control devices per Table 2.1.a. Determined HAL = The emission stream is determined to be halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. CEMS = A CEMS is not used. Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure. SS Device Type = Incinerator other than a catalytic incinerator. Bypass Line = The closed vent system does not contain a bypass line that could divert the vent stream away from the control device.
PF-20	40 CFR Part 63, Subpart FFFF	63FFFF-BPV1	Designated Grp1 = The emission stream is designated as Group 1. HAL Device Type = A halogen scrubber following a combustion device. Meets 63.988(b)(2) = The control device does not meet the criteria in § 63.988(b)(2). Small Device = A small control device (defined in § 63.2550) is not being used. Designated HAL = The emission stream is not designated as halogenated. Halogen Reduction Option = Reduce overall emissions of hydrogen halide and halogen HAP by 99% or greater. Vent Emission Control = Reduce collective organic HAP emissions from the sum of all batch process vents within the process by 98% by weight or more by venting emissions from a sufficient number of the vents to any combination of non-flare control devices per Table 2.1.a. Determined HAL = The emission stream is determined to be halogenated. Prior Eval = The data from a prior evaluation or assessment is used. Alt 63SS Mon Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. CEMS = A CEMS is not used. Negative Pressure = The closed vent system is operated and maintained at atmospheric pressure. SS Device Type = Incinerator other than a catalytic incinerator. Bypass Line = The closed vent system does not contain a bypass line that could divert the vent stream away from the control device.
PRO116	30 TAC Chapter 115, Batch Processes	115-BTCH-FLR	Batch Process Annual Emission = The batch process train has total annual mass emissions from all combined vents greater than the levels specified in 30 TAC § 115.167(2)(A). Single Unit Annual Mass Emissions = Some single unit operations in the batch process operation have total annual mass emissions of 500 lbs/yr or less, some single unit operations have total annual mass emissions greater than 500 lbs/yr. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement demonstrating and documenting compliance or no alternate requirement has been requested. Aggregate Flow Rate = The actual average flow rate from the batch process vent streams, in aggregate, is below the calculated

Unit ID	Regulation	Index Number	Basis of Determination*
			flow rate using the applicable RACT equation. Control Device = Flare.
PRO116	30 TAC Chapter 115, Batch Processes	115-BTCH-INC	Batch Process Annual Emission = The batch process train has total annual mass emissions from all combined vents greater than the levels specified in 30 TAC § 115.167(2)(A). Single Unit Annual Mass Emissions = Some single unit operations in the batch process operation have total annual mass emissions of 500 lbs/yr or less, some single unit operations have total annual mass emissions greater than 500 lbs/yr. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement demonstrating and documenting compliance or no alternate requirement has been requested. Aggregate Flow Rate = The actual average flow rate from the batch process vent streams, in aggregate, is below the calculated flow rate using the applicable RACT equation. Control Device = Direct flame incinerator.
PROMON1161MCPU	40 CFR Part 63, Subpart FFFF	63FFFF-MCPU	>1000 lb/yr = The process has uncontrolled hydrogen halide and halogen HAP emissions from process vents of 1,000 lb/yr or more. Ammonium Sulfate = The MCPU does not include the manufacture of ammonium sulfate as a by-product, or the slurry entering the by-product manufacturing process contains 50 parts per million by weight (ppmw) HAP or less or 10 ppmw benzene or less. Startup 2003 = The affected source startup was before November 10, 2003. Other Operations = The MCPU includes operations other than those listed in § 63.2435(c). Reduction = Collective hydrogen halide and halogen HAP emissions are reduced by at least 99 percent by weight or to an outlet concentration of 20 ppmv or less by venting through one or more closed-vent systems to any combination of control devices. Shared Batch Vent = The MCPU does not include a batch process vent that also is part of a CMPU as defined in subparts F and G of this part 63. 63.100 CMPU = The MCPU is not a CMPU defined in § 63.100. New Source = The MCPU is an existing affected source. PUG = The MCPU is not part of a process unit group (PUG). G2/<1000 lb/yr = The process does not include Group 2 batch process vents and/or uncontrolled hydrogen halide and halogen HAP emissions from the sum of all batch and continuous process vents less than 1,000 lb/yr. Startup 2002 = The affected source initial startup was before April 4, 2002. PP Alt = The MCPU is complying with the emission limitations and work practice standards contained in Tables 1 through 7. Small Cd = A small control device (defined in § 63.2550) is not being used. Design Eval = A design evaluation as specified in § 63.1257(a)(1) is being used. Batch Process Vents = The source includes batch process vents.
PROMON116MCPU	40 CFR Part 63, Subpart FFFF	63FFFF-MCPU	>1000 lb/yr = The process has uncontrolled hydrogen halide and halogen HAP emissions from process vents of 1,000 lb/yr or more. Ammonium Sulfate = The MCPU does not include the manufacture of ammonium sulfate as a by-product, or the slurry entering the by-product manufacturing process contains 50 parts per million by weight (ppmw) HAP or less or 10 ppmw benzene or less. Startup 2003 = The affected source startup was before November 10, 2003. Other Operations = The MCPU includes operations other than those listed in § 63.2435(c). Reduction = Collective hydrogen halide and halogen HAP emissions are reduced by at least 99 percent by weight or to an outlet concentration of 20 ppmv or less by venting through one or more closed-vent systems to any combination of control devices. Shared Batch Vent = The MCPU does not include a batch process vent that also is part of a CMPU as defined in subparts F and

Unit ID	Regulation	Index Number	Basis of Determination*
			G of this part 63. 63.100 CMPU = The MCPU is not a CMPU defined in § 63.100. New Source = The MCPU is an existing affected source. PUG = The MCPU is not part of a process unit group (PUG). G2/<1000 lb/yr = The process does not include Group 2 batch process vents and/or uncontrolled hydrogen halide and halogen HAP emissions from the sum of all batch and continuous process vents less than 1,000 lb/yr. Startup 2002 = The affected source initial startup was before April 4, 2002. PP Alt = The MCPU is complying with the emission limitations and work practice standards contained in Tables 1 through 7. Small Cd = A small control device (defined in § 63.2550) is not being used. Design Eval = A design evaluation as specified in § 63.1257(a)(1) is being used. Batch Process Vents = The source includes batch process vents.
PROMON198MCPU	40 CFR Part 63, Subpart FFFF	63FFFF-MCPU	>1000 lb/yr = The process has uncontrolled hydrogen halide and halogen HAP emissions from process vents of 1,000 lb/yr or more. Ammonium Sulfate = The MCPU does not include the manufacture of ammonium sulfate as a by-product, or the slurry entering the by-product manufacturing process contains 50 parts per million by weight (ppmw) HAP or less or 10 ppmw benzene or less. Startup 2003 = The affected source startup was before November 10, 2003. Other Operations = The MCPU includes operations other than those listed in § 63.2435(c). Reduction = Collective hydrogen halide and halogen HAP emissions are reduced by at least 99 percent by weight or to an outlet concentration of 20 ppmv or less by venting through one or more closed-vent systems to any combination of control devices. Shared Batch Vent = The MCPU does not include a batch process vent that also is part of a CMPU as defined in subparts F and G of this part 63. 63.100 CMPU = The MCPU is not a CMPU defined in § 63.100. New Source = The MCPU is an existing affected source. PUG = The MCPU is not part of a process unit group (PUG). G2/<1000 lb/yr = The process does not include Group 2 batch process vents and/or uncontrolled hydrogen halide and halogen HAP emissions from the sum of all batch and continuous process vents less than 1,000 lb/yr. Startup 2002 = The affected source initial startup was before April 4, 2002. PP Alt = The MCPU is complying with the emission limitations and work practice standards contained in Tables 1 through 7. Small Cd = A small control device (defined in § 63.2550) is not being used. Design Eval = A design evaluation as specified in § 63.1257(a)(1) is being used. Batch Process Vents = The source includes batch process vents.
PROMONBARMCPU	40 CFR Part 63, Subpart FFFF	63FFFF-MCPU	>1000 lb/yr = The process has uncontrolled hydrogen halide and halogen HAP emissions from process vents of less than 1,000 lb/yr. Ammonium Sulfate = The MCPU does not include the manufacture of ammonium sulfate as a by-product, or the slurry entering the by-product manufacturing process contains 50 parts per million by weight (ppmw) HAP or less or 10 ppmw benzene or less. Startup 2003 = The affected source startup was before November 10, 2003. Other Operations = The MCPU includes operations other than those listed in § 63.2435(c). Shared Batch Vent = The MCPU does not include a batch process vent that also is part of a CMPU as defined in subparts F and G of this part 63.

Unit ID	Regulation	Index Number	Basis of Determination*
			63.100 CMPU = The MCPU is not a CMPU defined in § 63.100. New Source = The MCPU is an existing affected source. PUG = The MCPU is not part of a process unit group (PUG). G2/<1000 lb/yr = The process does not include Group 2 batch process vents and/or uncontrolled hydrogen halide and halogen HAP emissions from the sum of all batch and continuous process vents less than 1,000 lb/yr. Startup 2002 = The affected source initial startup was before April 4, 2002. PP Alt = The MCPU is complying with the emission limitations and work practice standards contained in Tables 1 through 7. Batch Process Vents = The source includes batch process vents.
SP-6	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
SP-7	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.
SP-B37	40 CFR Part 63, Subpart FFFF	63FFFF-BPV2	Designated Grp1 = The emission stream is not designated as Group 1. Determined Grp1 = The emission stream is determined to be Group 2.

* - The “unit attributes” or operating conditions that determine what requirements apply

NSR Versus Title V FOP

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

NSR Permit	Federal Operating Permit(FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and also include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, Affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOP are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room, located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. The following table specifies the permits by rule that apply to the site. All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Outdated Standard Exemption lists may be viewed at the following Web site:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 106724	Issuance Date: 12/18/2012
Authorization No.: 71546	Issuance Date: 08/15/2014
Authorization No.: 76823	Issuance Date: 11/30/2005
Authorization No.: 93716	Issuance Date: 11/03/2010
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 06/18/1997
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.474	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 09/04/2000

Emission Units and Emission Points

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sand-blasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the "Maximum Allowable Emission Rate Table", or "MAERT" for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

Monitoring Sufficiency

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit's compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
OP-UA3 - Storage Tank/Vessel Attributes
OP-UA4 - Loading/Unloading Operations Attributes
OP-UA5 - Process Heater/Furnace Attributes
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7 - Flare Attributes
OP-UA8 - Coal Preparation Plant Attributes
OP-UA9 - Nonmetallic Mineral Process Plant Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes

OP-UA17 - Distillation Unit Attributes
OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes
OP-UA22 - Printing Attributes
OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
OP-UA25 - Synthetic Fiber Production Attributes
OP-UA26 - Electroplating and Anodizing Unit Attributes
OP-UA27 - Nitric Acid Manufacturing Attributes
OP-UA28 - Polymer Manufacturing Attributes
OP-UA29 - Glass Manufacturing Unit Attributes
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
OP-UA31 - Lead Smelting Attributes
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
OP-UA33 - Metallic Mineral Processing Plant Attributes
OP-UA34 - Pharmaceutical Manufacturing
OP-UA35 - Incinerator Attributes
OP-UA36 - Steel Plant Unit Attributes
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
OP-UA39 - Sterilization Source Attributes
OP-UA40 - Ferroalloy Production Facility Attributes
OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes
OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes